

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 08/919,501
Source: 1FW/b
Date Processed by STIC: 9/14/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 08/919,501

CRF Edit Date: 9/15/06
Edited by: AV

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

✓ Deleted: J invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFW16

RAW SEQUENCE LISTING

DATE: 09/15/2006

PATENT APPLICATION: US/08/919,501

TIME: 11:22:51

Input Set: A:\PTO.AMC.txt

Output Set: N:\CRF4\09152006\H919501.raw

```

3 <110> APPLICANT: O'GORMAN, STEVE
4 WAHL, GEOFFREY
6 <120> TITLE OF INVENTION: SITE-SPECIFIC RECOMBINATION IN EUKARYOTES AND CONSTRUCTS
7 USEFUL THEREFOR
9 <130> FILE REFERENCE: 088802/5001
11 <140> CURRENT APPLICATION NUMBER: 08/919,501
12 <141> CURRENT FILING DATE: 1997-08-28
14 <160> NUMBER OF SEQ ID NOS: 6
16 <170> SOFTWARE: PatentIn Ver. 3.3
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 1022
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
25 Construct
27 <400> SEQUENCE: 1
28 atggagcaaa agctgatttc tgaggaggat ctgggaggac ccaagaagaa gaggaagggtg 60
29 tccaatttac tgaccgtaca ccaaaatttg cctgcattac cggtcgatgc aacgagtgat 120
30 gaggttcgca agaacctgat ggacatgttc agggatcgcc aggcgttttc tgagcatacc 180
31 tggaaaatgc ttctgtccgt ttgccggtcg tgggcggcat ggtgcaagtg aataaccgga 240
32 aatggtttcc cgcagaacct gaagatgttc gcgattatct tctatatctt caggcgcgcg 300
33 gtctggcagt aaaaactatc cagcaacatt tgggcagct aaacatgctt catcgctcgt 360
34 cccgggtgcc acgaccaagt gacagcaatg ctgtttcact gggtatgcgg cggatccgaa 420
35 aagaaaaagt tgatgccggt gaacgtgcaa aacaggctct agcgttcgaa cgcactgatt 480
36 tcgaccaggt tcgttcactc atggaaaata gcgatcgctg ccaggatata cgtaatctgg 540
37 catttctggg gattgcttat aacaccctgt tacgtatagc cgaaattgcc aggatcaggg 600
38 ttaaagatat ctcacgtact gacggtggga gaatgttaat ccatattggc agaacgaaaa 660
39 cgctgggttag caccgcaggt gtagagaagg cacttagcct gggggtaact aaactggtcg 720
40 agcgatggat ttccgtctct ggtgtagctg atgatccgaa taactacctg ttttgccggg 780
41 tcagaaaaaa tgggtgtgcc gcgccatctg ccaccagcca gctatcaact cgcgccctgg 840
42 aagggatttt tgaagcaact catcgattga tttacggcgc taaggatgac tctggtcaga 900
43 gatacctggc ctggtctgga cacagtgcc gtgtcggagc cgcgcgagat atggcccgcg 960
44 ctggagtttc aataccggag atcatgcaag ctggtggctg gaccaatgta aatattgtca 1020
45 tg 1022
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 29
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
55 Oligonucleotide
57 <400> SEQUENCE: 2

```

RAW SEQUENCE LISTING

DATE: 09/15/2006

PATENT APPLICATION: US/08/919,501

TIME: 11:22:51

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09152006\H919501.raw

```

58 gtctagtaat gtccaacacc tccctcagt                29
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 31
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
68     Oligonucleotide
70 <400> SEQUENCE: 3
71 ctctgagcca gctcccggcc aagccagcac c                31
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 652
76 <212> TYPE: DNA
77 <213> ORGANISM: Mus musculus
79 <400> SEQUENCE: 4
80 gtctagtaat gtccaacacc tccctcagtc caaacactgc tctgcatcca tgtggctccc 60
81 atttatacct gaagcacttg atggggcctc aatgttttac tagagcccac ccccctgcaa 120
82 ctctgagacc ctctggattt gtctgtcagt gcctcactgg ggcgttggat aatttcttaa 180
83 aagggtcaagt tccctcagca gcattctctg agcagtctga agatgtgtgc tttcacagtt 240
84 acaaatccat gtggctgttt caccacactg cctggccttg gggtatctat caggacctag 300
85 cctagaagca ggtgtgtggc acttaacacc taagctgagt gactaactga aactcaagt 360
86 ggatgccatc tttgtcactt cttgactgtg acacaagcaa ctctgatgc caaagccctg 420
87 cccacccctc tcatgcccat atttggacat ggtacaggtc ctactggcc atggtctgtg 480
88 aggtcctggc cctctttgac ttcataattc ctaggggcca ctagtatcta taagaggaag 540
89 aggggtgctg ctcccaggcc acagcccaca aaattccacc tgctcacagg ttggctggct 600
90 cgaccaggt ggtgtcccct gctctgagcc agtcccggc caagccagca cc                652
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 34
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
100     Oligonucleotide
102 <400> SEQUENCE: 5
103 ataacttcgt atagcatata ttatacgaag ttat                34
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 86
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
113     Oligonucleotide
115 <400> SEQUENCE: 6
116 cccgggatca attcaccatg ggaataactt cgtatagcat acattatacg aagttatgga 60
117 tccgccgcta tcaggacata gcgttg                86

```

VERIFICATION SUMMARY

DATE: 09/15/2006

PATENT APPLICATION: US/08/919,501

TIME: 11:22:52

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09152006\H919501.raw

**Raw Sequence Listing before editing
(for reference only)**



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/919,501

DATE: 09/14/2006

TIME: 15:49:07

Input Set : A:\88802501.APP

Output Set: N:\CRF4\09142006\H919501.raw

3 <110> APPLICANT: O'GORMAN, STEVE
 4 WAHL, GEOFFREY
 6 <120> TITLE OF INVENTION: SITE-SPECIFIC RECOMBINATION IN EUKARYOTES AND
 CONSTRUCTS
 7 USEFUL THEREFOR
 9 <130> FILE REFERENCE: 088802/5001
 11 <140> CURRENT APPLICATION NUMBER: 08/919,501
 12 <141> CURRENT FILING DATE: 1997-08-28
 14 <160> NUMBER OF SEQ ID NOS: 6
 16 <170> SOFTWARE: PatentIn Ver. 3.3

ERRORED SEQUENCES

106 <210> SEQ ID NO: 6
 107 <211> LENGTH: 86
 108 <212> TYPE: DNA
 109 <213> ORGANISM: Artificial Sequence
 111 <220> FEATURE:
 112 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 113 Oligonucleotide
 115 <400> SEQUENCE: 6
 116 cccgggatca attcaccatg ggaataactt cgtatagcat acattatacg aagttatgga 60
 117 tccgcccgcta tcaggacata gcgttg 86
 E--> 120 3

**Does Not Comply
 Corrected Diskette Needed**

VERIFICATION SUMMARY

PATENT APPLICATION: US/08/919,501

DATE: 09/14/2006

TIME: 15:49:09

Input Set : A:\88802501.APP

Output Set: N:\CRF4\09142006\H919501.raw

L:120 M:254 E: No. of Bases conflict, this line has no nucleotides.